



## EAST Search History

| Ref # | Hits | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1    | 31   | "4686655"  | US-PGPUB; USPAT | OR               | ON      | 2007/07/05 19:36 |
| S1    | 3    | (conformant near2 signal) and noise and pixel  | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 15:31 |
| S2    | 7    | "20030165871"  | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 15:37 |
| S3    | 6    | "20040064264"  | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 15:38 |
| S4    | 5    | "20040023224"  | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 15:40 |
| S5    | 5    | "20040021911"  | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 15:41 |
| S6    | 5    | "20030203371"  | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 15:44 |
| S7    | 5    | "20030168579"  | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 16:05 |
| S8    | 1755 | (signal near5 (intergrate or integration)) and (fourier near2 transform\$) and time and @ad<="20040804"  | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 16:06 |
| S9    | 600  | (signal near5 (intergrate or integration)) and (fourier near2 transform\$) and frequency AND (time near domain) and @ad<="20040804"                          | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 16:07 |
| S10   | 572  | (signal near5 (intergrate or integration)) and (fourier near2 transform\$) and frequency AND (time near domain) and (filter noise) AND @ad<="20040804"       | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 16:08 |
| S11   | 143  | (signal near5 (intergrate or integration)) and (fourier near2 transform\$) and frequency AND (time near domain) and (filter near5 noise) AND @ad<="20040804" | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 16:39 |
| S12   | 7    | (fourier near2 transform\$) same ((reduce or reducing or adjust or lower) near5 magnitude) AND S11 AND @ad<="20040804"                                       | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 17:14 |
| S13   | 18   | (fourier near2 transform\$) same ((reduce or reducing or adjust or lower) near5 magnitude) same ((inverse or reverse) near2 fourier) AND @ad<="20040804"     | US-PGPUB; USPAT | OR               | ON      | 2007/07/04 17:17 |

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|     |         |   |                 |    |    |                  |
|-----|---------|---|-----------------|----|----|------------------|
| S14 | 3       | (fourier near2 transform\$) same ((reduce or reducing or adjust or lower) near5 magnitude near10 frequency) same ((inverse or reverse) near2 fourier) AND @ad<="20040804"         | US-PGPUB; USPAT | OR | ON | 2007/07/04 17:43 |
| S15 | 56      | (fourier near2 transform\$) AND ((reduce or reducing or adjust or lower) near5 magnitude near10 frequency) AND ((inverse or reverse) near2 fourier) AND @ad<="20040804"           | US-PGPUB; USPAT | OR | ON | 2007/07/04 17:44 |
| S16 | 29      | (fourier near2 transform\$) AND ((reduce or reducing or adjust or lower) near5 magnitude near10 frequency) AND ((inverse or reverse) near2 fourier) AND array AND @ad<="20040804" | US-PGPUB; USPAT | OR | ON | 2007/07/04 17:55 |
| S17 | 102     | (fourier near2 transform\$) AND (apodization or apodize) AND ((inverse or reverse) near2 fourier) AND array AND @ad<="20040804"   | US-PGPUB; USPAT | OR | ON | 2007/07/04 17:56 |
| S18 | 49      | (fourier near2 transform\$) AND (apodization or apodize) AND ((inverse or reverse) near2 fourier) AND array and pixel AND @ad<="20040804"   | US-PGPUB; USPAT | OR | ON | 2007/07/04 17:56 |
| S19 | 14      | (fourier near2 transform\$) same (apodization or apodize) AND ((inverse or reverse) near2 fourier) AND array and pixel AND @ad<="20040804"  | US-PGPUB; USPAT | OR | ON | 2007/07/04 18:05 |
| S20 | 31      | "4686655"   | US-PGPUB; USPAT | OR | ON | 2007/07/04 18:09 |
| S21 | 4774264 | (filter near5 time near5 domain) AND (Fourier near2 Transform) AND (digital near signal) @ad<="20040804"  | US-PGPUB; USPAT | OR | ON | 2007/07/04 18:10 |
| S22 | 1607    | (filter near5 (time or frequency) near5 domain) AND (Fourier near2 Transform) AND (digital near signal) AND @ad<="20040804"   | US-PGPUB; USPAT | OR | ON | 2007/07/04 18:11 |
| S23 | 436     | (filter near5 (time or frequency) near5 domain) AND (integrate or integration) AND (Fourier near2 Transform) AND (digital near signal) AND @ad<="20040804"                        | US-PGPUB; USPAT | OR | ON | 2007/07/04 18:12 |

## EAST Search History

|     |    |   |                    |    |    |                  |
|-----|----|---|--------------------|----|----|------------------|
| S24 | 28 | (filter near5 (time or frequency)<br>near5 domain) AND (integrate or<br>integration) AND (Fourier near2<br>Transform) AND (digital near signal)<br>AND (array near10 (scan or<br>scanning or scanner)) AND<br>@ad<="20040804" | US-PGPUB;<br>USPAT | OR | ON | 2007/07/04 18:13 |
| S25 | 5  | "20030168579"   | US-PGPUB;<br>USPAT | OR | ON | 2007/07/04 18:14 |
| S26 | 5  | "20030168579"   | US-PGPUB;<br>USPAT | OR | ON | 2007/07/05 19:36 |